

PI 561854 **donor id:** 47900. **origin:** United States. **developed:** G. Ejeta, D.T. Rosenow. **origin institute:** Purdue University Indiana Agr. Exp. Sta., Dept. of Agronomy, West Lafayette, Indiana 47907-1150 United States. **cultivar:** P89009. **pedigree:** (TX430*K22/35)-1-bk-3-3-bk-bk-bk. **other id:** PL-245. **group:** CSR-SORGHUM. **restricted:** CSR. **remarks:** Restores fertility in Al cytoplasm but fertility restoration in other cytoplasm is not known. Line showed broad adaptation with excellent potential for use both in US & Sudan, Africa. Superior drought tolerance, evident grain quality, & agronomic merit both as a germplasm line per se & in hybrid combinations. Excellent pollen shedder, leaf mid-ribs green, & endosperm texture hard. Panicles semi-compact & erect. Seeds yellow, translucent, & 3.45gm per 100. Epicarp white or colorless, mesocarp thin, endosperm yellow, & no testa. Spring Annual. Breeding Material. Seed.

PI 561855 **donor id:** 47900. **origin:** United States. **developed:** G. Ejeta, D.T. Rosenow. **origin institute:** Purdue University Indiana Agr. Exp. Sta., Dept. of Agronomy, West Lafayette, Indiana 47907-1150 United States. **cultivar:** P89010. **pedigree:** (TAM428*K1/4)-2-bk-2-1-bk-bk-bk. **other id:** PL-246. **group:** CSR-SORGHUM. **restricted:** CSR. **remarks:** Restores fertility in Al cytoplasm but fertility restoration in other cytoplasm is not known. Line showed broad adaptation with excellent potential for use both in US & Sudan, Africa. Superior drought tolerance, evident grain quality, & agronomic merit both as a germplasm line per se & in hybrid combinations. Excellent pollen shedder, leaf mid-ribs green, & endosperm texture hard. Panicles semi-compact & erect. Seeds buff, translucent, & 3.36gm per 100. Epicarp white or colorless, mesocarp thin, endosperm yellow, & no testa. Spring Annual. Breeding Material. Seed.

PI 561856. *Stenotaphrum secundatum* (Walter) Kuntze POACEAE St. Augustinegrass

Donated by: Busey, P., Florida Agr. Exp. Sta., Fort Lauderdale Res. Educ. Center, Fort Lauderdale, Florida 33314, United States.
remarks: FX-10 St. Augustinegrass. Received June 30, 1992.